BRUHAT BANGALORE MAHANAGARA PALIKE

DASARAHALLI ZONE

Name of Work: improvments and Construction of CC Road From KempeGowda nagara 1,2,&3rd SM Road, Nrupatunga Road, Masidi Road, Bharathi Takis Road and other link Road to NH4 Dasarahalli Ward No 15

					Est. Cost Rs		21.00	Lakhs	
Sl	Description of Item	Unit	No	L	B	D	Qty	Rate	Amount
1	KSRRB 300 - Excavation for road, drains and similar works - KSRRB 300 1. Earthwork excavation by manual means in **Ordinary soil** involving an average horizontal throw upto 2 meters and an average lift upto 0.5 m, excavated surface leveled and sides neatly dressed, the disposed earth to be leveled neatly after breaking of clods complete as per specifications complete as per specifications. MORTH Chapter 3 (P.142/I.19.1 PW, P & IWTD -SR 2016-17)								
	XL Road	Cum	1	15.00	4.50+11	0.30	34.87		
					2.00				
	Bharathi Takis Road		1	14.00	4.50+11	0.30	32.55		
					2.00				
	Nrupatunga Road		1	17.00	4.5+11	0.30	39.52		
					2.00				
	Sarai Angadi Road		1	10.00	4+10	0.30	21.00		
					2.00				
	Sri Ranga School Road		1	18.00	4+10	0.30	37.80		
					2.00				
	Dharmastala Hotel Road		1	18.00	4.5+11	0.30	41.85		
					2.00				
	Masidi Road		1	20.00	5.00	0.30	30.00		
	SM Road		1	12.00	6.5+11.5	0.30	32.40		
					2.00				
	1st Main Road		1	15.00	4.50+11	0.30	34.87		
					2.00				
	2nd Main		1	8.50	6.00	0.30	15.30		
	Basic Rate	82.00					320.16	86.92	27828.00
	Add Area Weightage 6%	4.92							
	Total	86.92							
2	KSRRB M2100-10. Plain cement concrete **M-10 with OPC cement** at 220kg with crushed 40mm down size graded granite metal course aggregate @0.84 CUM and fine agreegate @ 0.6 CM in Foundation mechanically mixed placced in foundation and compacted by vibration including curing for 14 days complete as per specifications. MORTH Specification No. 2100. Page No. 218/ Item No. 27.18/ PWD SR 2016-17								
		Cum	1	15.00	4.50+11	0.15	17.43		
					2.00				

Sl	Description of Item	Unit	No	L	B	D	Qty	Rate	Amount
			1	14.00	4.50+11	0.15	16.27		
					2.00				
			1	17.00	4.5+11	0.15	19.76		
					2.00				
			1	10.00	4+10	0.15	11.50		
					2.00				
			1	18.00	4+10	0.15	18.90		
					2.00				
			1	18.00	4.5+11	0.15	20.92		
					2.00				
			1	20.00	5.00	0.15	7.50		
			1	12.00	6.5+11.5	0.15	16.20		
					2.00				
			1	15.00	4.50+11	0.15	17.43		
					2.00				
			1	8.50	6.00	0.15	7.65		
	Basic Rate	5634					153.56	5972.04	917066.00
	Add Area Weightage 6%	338.04							
	Total	5972.04							
3	KSRB M2200-5.9 **Design Mix M20** with OPC cement @ 320kgs with 20mm & down size graded granite metal course agreegate @ 0.69 CM an Fine agregated 0.46 cm with super plaster @ 3ltrs confirming to IS 9103-1999 Reaffirmed -2008 i.) Upto 5m height Page No. 223/ Item No. 28.7.9/ PWD SR 2016-17								
		Cum	1	15.00	4.50+11	0.12	13.95		
					2.00				
			1	14.00	4.50+11	0.12	13.02		
					2.00				
			1	17.00	4.5+11	0.12	15.81		
					2.00				
			1	10.00	4+10	0.12	8.40		
					2.00				
			1	18.00	4+10	0.12	15.12		
					2.00				
			1	18.00	4.5+11	0.12	16.74		
					2.00				
			1	20.00	5.00	0.12	12.00		
			1	12.00	6.5+11.5	0.12	12.96		
					2.00				
			1	15.00	4.50+11	0.12	13.95		
					2.00				
			1	8.50	6.00	0.12	6.12		

Sl	Description of Item	Unit	No	L	B	D	Qty	Rate	Amount
	Basic Rate	6571.00					128.07	6965.26	892041.00
	Add Area Weightage 6%	394.26							
	Total	6965.26							
4	KSRB M-2200- TMT/MS bar Reinforcement KSRRB M2200-6 Supplying, fitting and placing TMT bar reinforcement in Sub-structure complete as per drawing and technical specifications complete as per specifications. MORTH specification No. 1600 & 2200. Page No. 225/ Item No. 28.8/ PWD SR 2016-17 **TMT Bars FE 550**								
	For Bottom & Sides	Tonnes	128		28.00		3585.96		
	Basic Rate	55484.00					3585.96		
	Add Area Weightage 6%	3329.04				Say	3.59	58813.04	210901.00
	TOTAL	58813.04							211138=87
5	Disposal of debris to the final place of disposal with all lead and lift and as direction by the engineer in charge of the work, lead 4 Km a) Basic rate for haulage of materials as per item No. 17.4/KSRRB : M100-4.1 ..... Rs. 2.00 Tonne/Km b) Average earth of work 1.28 Tonne/Km for Rs. 2.00/Km c) Add loading and unloading Page No. 150 Item No. 17.1 PWD SR 2016-17								25869.00
		Cum	Qty Vide Item No. 1				320.16	~~85.65~~	~~27421.00~~
	Loading and Unloading	68.00						80.80	
	Lead 4 KMs 2x1.28x4	12.80							25549.95
		80.80							
	Add Area Weightage ~~6%~~	~~4.85~~							
	Total	~~85.65~~							
6	Quality control Test Charges 1%							5057.00	21000.00
7	Miscellaneous and UnforessenCharges							~~8500.00~~	~~3743.00~~
								Total	2100000.00

(Rupees.Twenty One Lakhs Only)

CERTIFICATE:-

1 The Work spot has been inspected and the work is found to be necessary
2 The Estimate is prepared as per the PW,P & IWTD -SR-2016-17
3 The Provision made in estimate are adequate and essential.
4 This area comes under BBMP limits.

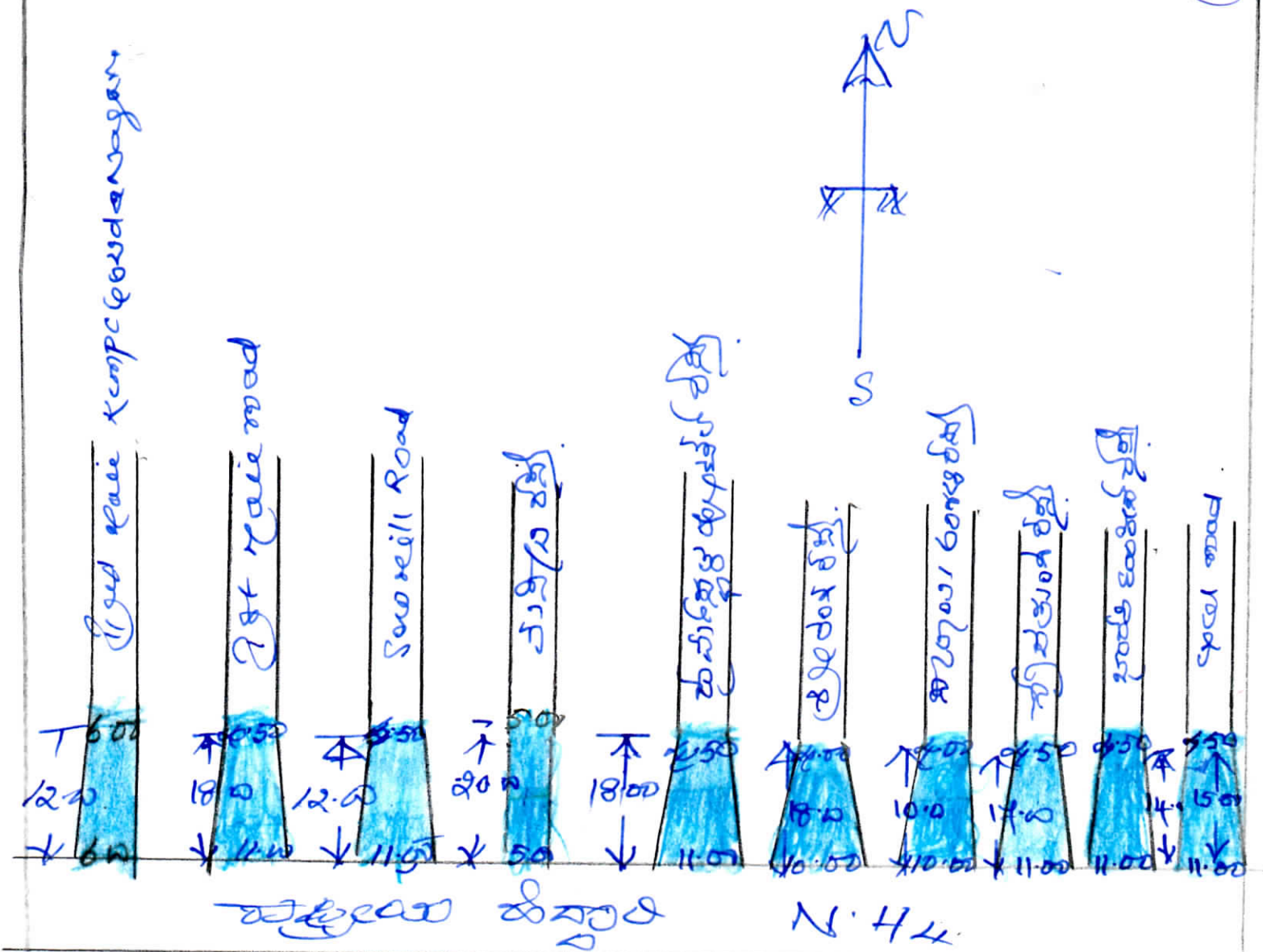
Assistant Engineer
Ward-15

Assistant Executive Engineer
T. Dasarahalli Sub-Division
B.B.M.P

Executive Engineer
Dasarahalli Division
B.B.M.P. Bangalore.

ನಂ.CE/AS/77/16-17 ದಿನಾಂಕ : 09/01/2017
ರೂ. 21.00 lakh/- Rupees Twenty one lakh only/-
ಅಂದಾಜು ಪಟ್ಟಿಗೆ ಆಡಳಿತಾತ್ಮಕ ಮಂಜೂರಾತಿ ನೀಡಿದೆ.
ಮುಖ್ಯ ಅಭಿಯಂತರರು
ಬಿ.ಬಿ.ಎಂ.ಪಿ.
ದಾಸರಹಳ್ಳಿ ವಲಯ, ಬೆಂಗಳೂರು.

ನಂ.CE/TS/118/16-17 ದಿನಾಂಕ : 27/1/2017
ರೂ. 21.00 lakh/- Rupees Twenty one lakh only/-
ತಾಂತ್ರಿಕ ಸಹಾಯಕರು
ಮುಖ್ಯ ಅಭಿಯಂತರರು
ಬಿ.ಬಿ.ಎಂ.ಪಿ.
ದಾಸರಹಳ್ಳಿ ವಲಯ, ಬೆಂಗಳೂರು



ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಚಿಕ್ಕಾಸರಹಳ್ಳಿ ಉಪ-ವಿಭಾಗ
ಬಾಗಲಗುಂಟೆ, ಬಿಬಿಎಂಪಿ
ಬೆಂಗಳೂರು

Name of work :— Improvements and construction of c.c Road from Kempe Gowda Nagara 1, 2 & 3, S.N. Road Nagarajappa Road Nagasandra Road Bhagatsingh Nagar Road and also link road to N.H 4 - ward no 15